

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
18 November 2004 (18.11.2004)

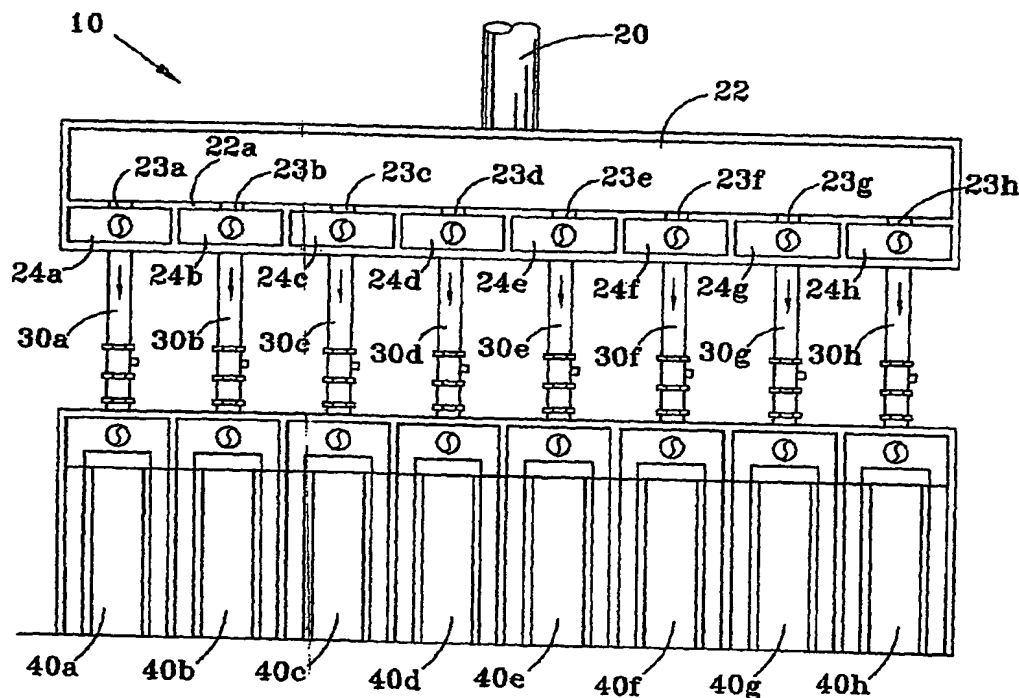
PCT

(10) International Publication Number
WO 2004/099090 A1

- (51) International Patent Classification⁷: **C02F 3/00**
- (21) International Application Number:
PCT/US2004/013669
- (22) International Filing Date: 29 April 2004 (29.04.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/466,794 1 May 2003 (01.05.2003) US
- (71) Applicant (for all designated States except US): **SEVERN TRENT WATER PURIFICATION, INC.** [US/—]; 5415 West Sligh Ave., Suite 102, Tampa, FL 33634 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BONAZZA, Joe** [US/—]; 2257 Dellenbaugh Road, Tarentum, PA 15084 (US). **MCCARTY, Donald, J.**; 229 Poplar Lane, Elizabethtown, PA 17022 (US). **KADAKIA, Navin**; 2542 Hunting Ridge Trail, Bridgeville, PA 15017 (US). **SLACK, David, C.**; Suite 102, 5415 West Sligh Avenue, Tampa, FL 33634 (US).
- (74) Agent: **D'AMBROSIO, Jo, Katherine**; D'Ambrosio & Associates, P.L.L.C., 10260 Westheimer Road, Suite 465, Houston, TX 77042 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR THE FILTRATION OF WASTEWATER



(57) Abstract: A system (10) comprising multiple units (40a-40h) and method for filtration of wastewater (20) is disclosed. Simultaneous denitrification of a single filter unit and normal filtration of the remaining filter units is provided for. Separate flow control systems (36) are described.



Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.